

Project Audit



Project:
**Hung
Finance**

November 19, 2021



+

HUNG FINANCE



Overview

This audit has been prepared for **Hung Finance** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	Hung Finance
Ticker	HUNG
Contract	0x117e4c48447B3A7bCf78F763eDB77b66209C4841
Network	Binance Smart Chain
Language	Solidity
Tax	10% (Buy/Sell)
Total Supply	69,000,000
Contract Type	Rewards Token (BNB)
Status	Not launched ⚠

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Security Threats

- Owner can change BNB Rewards and Liquidity Fee

```
function setFee(uint256 _BNBRewardsFee, uint256 _liquidityFee) public onlyOwner {
    BNBRewardsFee = _BNBRewardsFee;
    liquidityFee = _liquidityFee;
    totalFees = BNBRewardsFee.add(liquidityFee); // total fee transfer and buy
}
```

- Owner can modify sell transaction – Potential honeypot 🚨

```
function setMaxSellTransaction(uint256 _maxTxn) external onlyOwner {
    maxSellTransactionAmount = _maxTxn * (10**18);
}
```

- Owner can exclude accounts from paying fee

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    require(!_isExcludedFromFees[account] || excluded, "HUNG: Account is already the value of 'excluded'");
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}

function excludeMultipleAccountsFromFees(address[] calldata accounts, bool excluded) public onlyOwner {
    for(uint256 i = 0; i < accounts.length; i++) {
        _isExcludedFromFees[accounts[i]] = excluded;
    }

    emit ExcludeMultipleAccountsFromFees(accounts, excluded);
}
```

- Owner can change time frame for receiving rewards

```
function updateClaimWait(uint256 claimWait) external onlyOwner {
    dividendTracker.updateClaimWait(claimWait);
}
```

Hung Finance Project & Team Review

According to their website, Hung Finance's mission is to facilitate crypto passive income (through BNB rewards) in order to provide long term crypto investment.

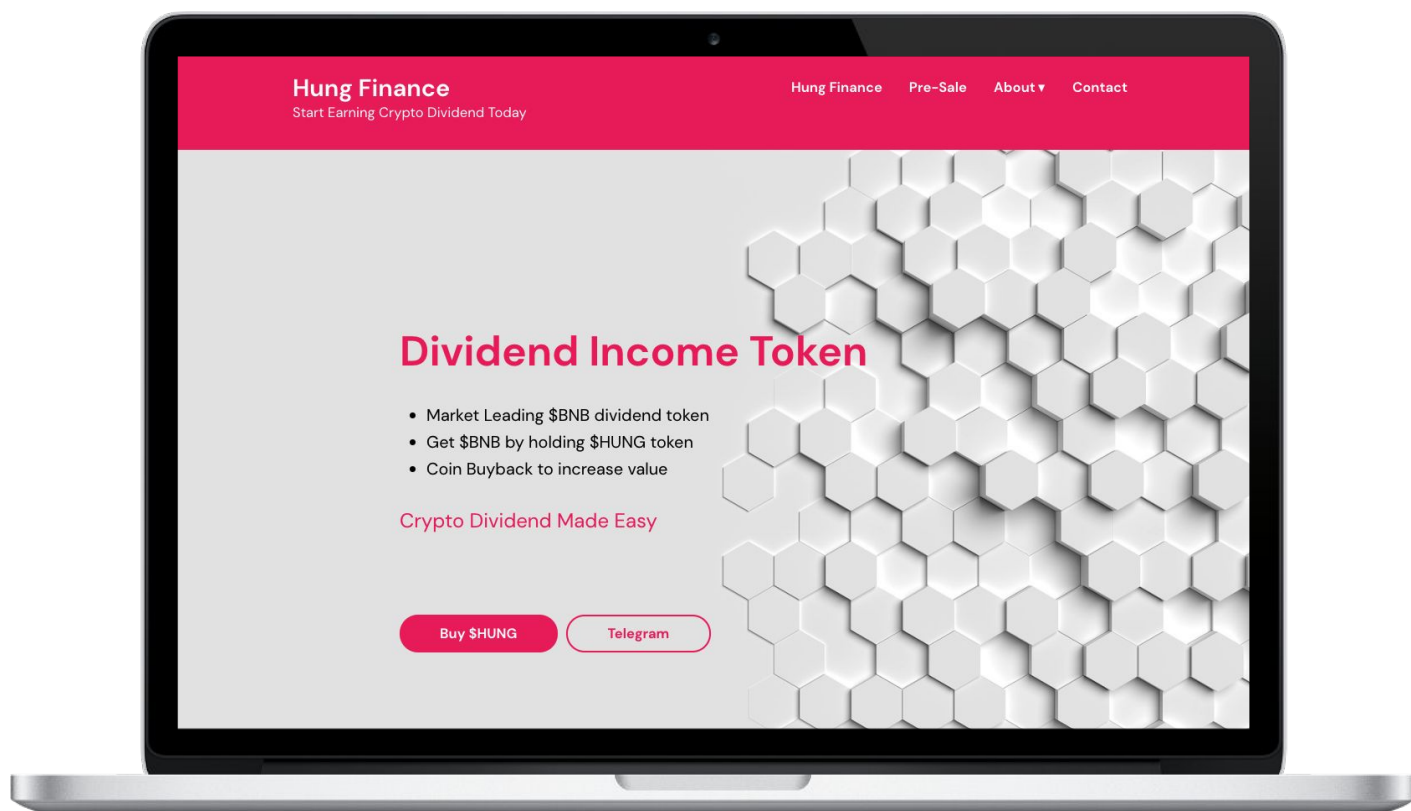
Team:

- Not doxxed nor has not done a KYC. ⚠️
- The project leader's Twitter account was recently created ⚠️
- No previous experience in crypto projects ⚠️

First Burn	9,000,000 (13% of float)
Private sale	15,300,000
Presale	24,000,000
Liquidity	15,360,000
Marketing wallet	0
Buyback Wallet	0
Team Wallet	5,000,000

Website Analysis

- **Design:** Simple with a cohesive color scheme.
- **Content:** Content is well written with no grammar errors. Contains some broken links and an unproven testimonials section, but overall OK.
- **Whitepaper:** Well written and it matches the rest of the content and numbers.
- **Roadmap:** Only shows a length of 1-2 months ⚠
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.

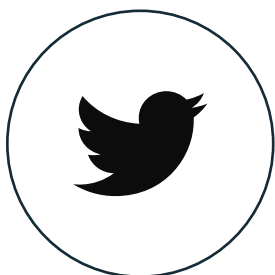


Social Media & Online Presence



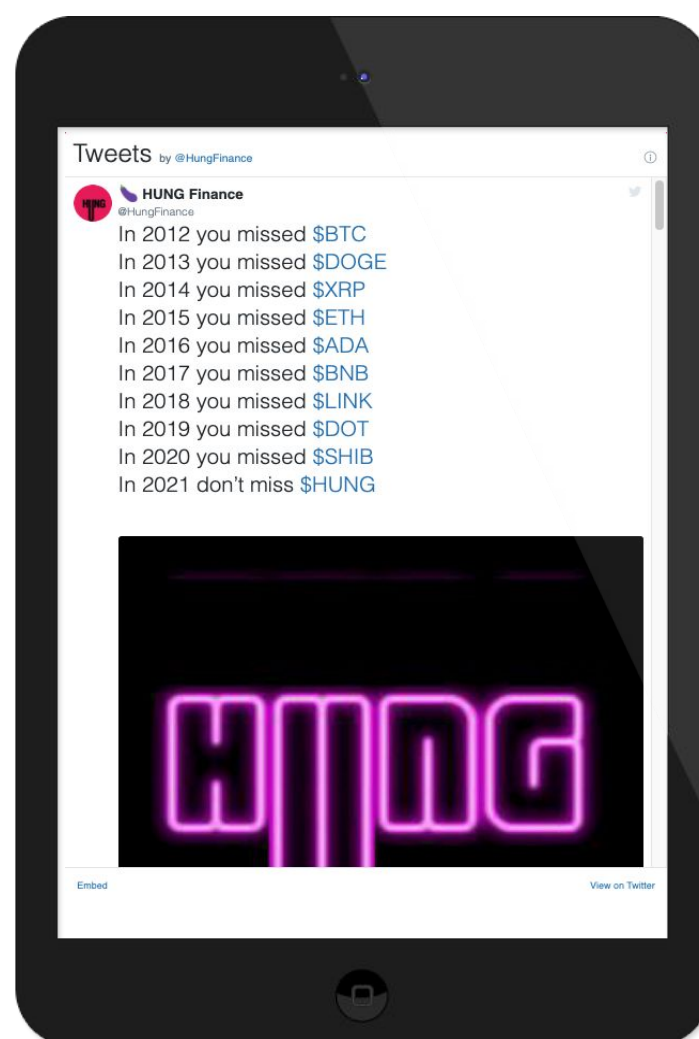
Telegram

- 979 members
- 2 weeks old ⚠️
- Active devs & mods



Twitter

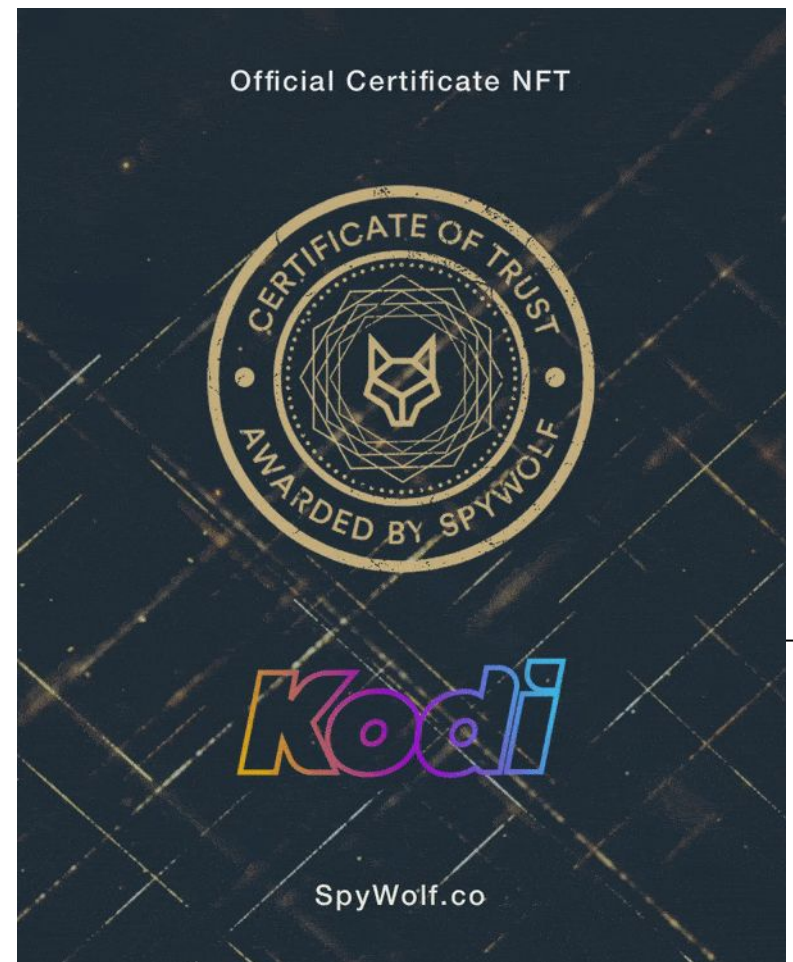
- 4,375 Followers
- 2 weeks old ⚠️
- Very active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- ▶ Website: SpyWolf.co
- ▶ Telegram: [@SpyWolfNetwork](https://t.me/@SpyWolfNetwork)
- ▶ Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.